

SECOND CONFERENCE ON

electronic information handling

TESTING AND EVALUATION



Knowledge Availability Systems Center
University of Pittsburgh
Pittsburgh, Pennsylvania 15213

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SECOND CONFERENCE ON
 **electronic
information
handling**

TESTING AND EVALUATION

APRIL 12, 13 AND 14, 1967

*Flying Carpet Motor Lodge
(near Greater Pittsburgh Airport)
Pittsburgh, Pennsylvania*

CO-SPONSORED BY

*University of Pittsburgh •
Western Michigan University •
Office of Naval Research •
Goodyear Aerospace Corporation •
The Association for
Computing Machinery (SIGIR)*

This second conference is designed to focus attention on new ideas, research and development in the techniques of testing and evaluating electronic information handling systems.

The conference will feature a review of the "state-of-the-art" covering the development of criteria and measures for evaluation. Such a review is expected to benefit organizations which are investing heavily in the development of operational systems.

Since facilities are limited, the attached registration form for the conference and hotel accommodations should be filled out and returned as soon as possible. If it becomes necessary to limit attendance before the conference opening, those who include registration fees with their reservations will be given priority.

Printed copies of the proceedings are expected to be available shortly after the conference.

CONFERENCE ON ELECTRONIC HANDLING II
TESTING AND EVALUATION
PITTSBURGH, PENNSYLVANIA
APRIL 12-14, 1967

PROGRAM

APRIL 12, 1967
2-5:30 P.M.

Welcome

DAVID KURTZMAN,
Chancellor, University of Pittsburgh

Introduction

Chairman: ORRIN E. TAULBEE, University of Pittsburgh

Experimenting and Evaluation: The Challenge
RUTH DAVIS, Department of Defense

Needs in the Health Sciences
M. CUMMINGS, National Library of Medicine

*Centralization, Decentralization and Specialization:
A Problem in Resource Allocation*
ALLEN KENT, University of Pittsburgh

A Statistician's Comment
JOHN TUKEY, Princeton University

APRIL 12
8:30 P.M.

Panel on Man-Machine-Information Interaction
(Chairman: JULES MERSEL)
(Panelists: M. H. GOTTERER, A. TAUBER)

APRIL 13, 1967
9-12:00 NOON

Information Handling—Review
(Chairman: A. KENT, University of Pittsburgh)

Testing and Evaluation—Literature Review
S. TREU, Goodyear Aerospace Corporation

Machine Aided Translation and Information Retrieval
RICHARD SEE, National Science Foundation

Intelligence Systems
DAVID MCCARN, Defense Intelligence Agency

Principles of Biological Computations
HEINZ VON FOERSTER, University of Illinois

APRIL 13,
2-5:00 P.M.

Document Handling—Research in Progress
(Chairman: J. BELZER, University of Pittsburgh)

*Indexing Depth, Retrieval Effectiveness
and Time-Sharing*
B. F. CHEYDLEUR, Ford Motor Company

Modeling in Document Handling
E. BRYANT, Westat Inc.

Relevance Predictability
E. DYM, D. SHIREY, M. KURFEERST
University of Pittsburgh

*Problems in the Evaluation of a Large
Operational Retrieval System*
F. W. LANCASTER, National Library of Medicine

APRIL 13
8:30 P.M.

Banquet Address
The Library—A Man-Machine System
L. E. SALINE, General Learning Corporation

APRIL 14, 1967
9-12:00 NOON

Document Handling—Research in Progress
(Chairman: G. MALLINSON, Western Michigan
University)

An Approach to Comprehensive Evaluation
ORRIN E. TAULBEE, University of Pittsburgh

Measures and Criteria for Evaluation
J. T. WELCH, JR. Goodyear Aerospace Corporation

A System Performance Function
A. BEDNAREK, University of Florida and
J. BELZER, University of Pittsburgh

Behavioral Aspects of Testing and Evaluation
MONROE B. SNYDER, Human Science Research, Inc.

*Luncheon Address—The Status of
Information Systems in Europe*
B. C. VICKERY, ASLIB

APRIL 14

2-5:00 P.M.

Hindsight, Foresight, Oversight on Information Systems
(Chairman: G. GOLDSTEIN, Office of Naval Research)

An Inter-University Information Network

GEORGE BROWN, U.C.L.A.

Command and Control as a

Management Information System

MARSHALL YOVITS, Ohio State University

Analyzing Time-Sharing Systems

JULES SCHWARTZ, System Development Corporation

Conclusions on Evaluation and

Evaluation of Conclusions

RICHARD WILCOX, Office of Naval Research

REGISTRATION INFORMATION

CONFERENCE ON ELECTRONIC INFORMATION HANDLING

Flying Carpet Motor Lodge

(near Greater Pittsburgh Airport)

APRIL 12-14, 1967

The registration fee of \$25.00 covers all sessions—the Thursday evening social hour and banquet; the Friday noon luncheon, and morning and afternoon coffee breaks each day. Because casual dining facilities are limited, a Thursday luncheon has also been organized for the convenience of those attending the conference. The cost of this luncheon (optional) is \$4.50, and should be added to the registration fee if participation is desired.

Pre-registration for both the conference and for housing is *strongly recommended*, since attendance will be limited by available facilities.

Confirmation for housing will come directly from the Motor Lodge

(Free 24-hour shuttle service between Greater Pittsburgh Airport and the Motor Lodges will be provided).

Weather permitting, the Motor Lodge will have its outdoor heated swimming pool available.

(Please Print or Type)

NAME

TITLE

MAILING ADDRESS

CITY & STATE

ZIP CODE

☐ My check for \$29.50 for registration, *including optional luncheon is enclosed.

☐ My check for \$25.00 for registration, *excluding optional luncheon is enclosed.

Please reserve room at Flying Carpet Motor Lodge (or Howard Johnson Motor Lodge nearby) for nights of April 12 and 13, 1967, as follows:

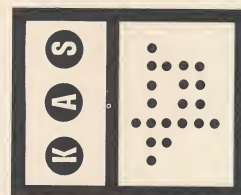
☐ Single room at \$12 per day, plus tax

☐ Twin room at \$16 per day, plus tax (please specify other occupant)

NAME

ADDRESS

Please send your conference registration
(with check made payable to
University of Pittsburgh)
and housing reservations to
Professor Allen Kent, Director
Knowledge Availability Systems Center
University of Pittsburgh
Pittsburgh, Pennsylvania 15213



*No refunds of registration
fees will be made
after April 6, 1967